WE CLAIM:

1.   A method for configuring a electronic module within a vehicle
comprising:

determining a first vehicle identification number stored in the
electronic module;

determining a second vehicle identification number stored in the
vehicle;

comparing the first vehicle identification number from the electronic
module and the second vehicle identification number from the vehicle; and

configuring the electronic module based on the comparison.

2.   The method of claim 1 wherein configuring the electronic module
comprises:

modifying an electronic module parameter.

3.   The method of claim 1 wherein configuring the electronic module
comprises:

initiating a predefined configuration process; and

storing the second vehicle identification number determined from
the vehicle to the memory of the electronic module.

4.   The method of claim 1 wherein configuring the electronic module
comprises:

reading a stored configuration table;

determining an electronic module parameter contained in the stored
configuration table; and

modifying the electronic module parameter based on the parameter
in the stored configuration table.

5.   The method of claim 1 wherein determining the first vehicle identification number stored in the electronic module is initiated upon power-up of the electronic module.

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6.   The method of claim 1 wherein the memory of the electronic module is a non-volatile random access memory.

7.   A computer usable medium including a program for configuring an electronic module within a vehicle comprising:

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computer program code for determining a first vehicle identification number stored in the electronic module;

computer program code for determining a second vehicle identification number stored in the vehicle;

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computer program code for comparing the first vehicle identification number from the electronic module and the second vehicle identification number from the vehicle; and

computer program code for configuring the electronic module based on the comparison.

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8.   The method of claim 7 wherein the computer program code for configuring the electronic module comprises:

computer program code for modifying an electronic module parameter.

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9.   The computer usable medium of claim 7 wherein the computer program code for configuring the electronic module comprises:

computer program code for initiating a predefined configuration process; and

computer program code for writing the second vehicle identification number determined from the vehicle to the memory of the electronic module.

10.   The computer usable medium of claim 7 wherein, the computer program code for configuring the electronic module comprises:

computer program code for reading a stored configuration table;

computer program code for determining an electronic module parameter contained in the stored configuration table; and

computer program code for modifying the electronic module parameter based on the parameter in the stored configuration table.

11.   The computer usable medium of claim 7 wherein the computer program code for determining the first vehicle identification number stored in an electronic module is initiated upon power-up of the electronic module.

12.   A system for configuring an electronic module within a vehicle comprising:

means for determining a first vehicle identification number stored in the electronic module;

means for determining a second vehicle identification number stored in the vehicle;

means for comparing the first vehicle identification number from the electronic module and the second vehicle identification number from the vehicle; and

means for configuring the electronic module based on the comparison.

13.　　The method of claim 12 wherein means for configuring the electronic module comprises:

　　　　means for modifying an electronic module parameter.

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14.　　The system of claim 12 wherein means for configuring the electronic module comprises:

　　　　means for initiating a predefined configuration process; and

　　　　means for writing the second vehicle identification number

10　　determined from the vehicle in the memory of the electronic module.

15.　　The system of claim 12 wherein means for configuring the electronic module comprises:

　　　　means for reading a stored configuration table;

15　　　　means for determining an electronic module parameter contained in the stored configuration table; and

　　　　means for modifying the electronic module parameter based on the parameter in the stored configuration table.